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(54) **CONFIGURABLE SEGMENTED ANTENNA**

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This patent is subject to a terminal disclaimer.

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(57) **ABSTRACT**

A configurable segmented antenna is described herein. A monitor component can be configured to detect at least one parameter corresponding to one or more segments of an antenna integrated with a communications device. An antenna component can be configured to select at least one segment of the one or more segments in response to the at least one parameter. A control component can be configured to modify a quality of a signal according to the at least one parameter. Further, a transmission component can be configured to transmit the signal from the at least one segment based on the quality.

20 Claims, 11 Drawing Sheets